

## SAYBOLT VISCOMETER

STANDARDS: ASTM D88, AASHTO T72

Used to determine the viscosity of petroleum products at specified temperatures between 21 to 99 °C.

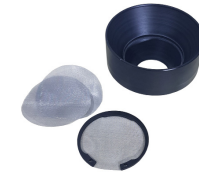
Stainless steel made, the Saybolt viscometer is supplied complete with 2 x interchangeable orifices "Furol" and "Universal", oil bath, electric heater with digital thermoregulator, key, thermometer support, stirrer, cooling coil, digital thermometer, heat transfer oil and 2 pieces 60 ml glass saybolt viscosity flasks. Viscometer is 2 sample testing capacity with digital display.

Thermometer Set for Saybolt Viscometer; 19 to 27°C, 34 to 42°C, 49 to 57°C, 57 to 65°C, 79 to 87°C and 95 to 103°C where each thermometer has 0.1°C subdivisions.

Filter Funnel with Wire Mesh and Clip, Withdrawal Tube and Thermometers are optional and should be ordered separately.

### Spare Parts & Accessories:

| Product Code | Product Name                           |
|--------------|--|
| HR-AS2290/1  | Furol Orifices                         |
| HR-AS2290/2  | Universal Orifices                     |
| HR-AS2290/3  | Saybolt Viscosity Flask, Glass, 60 ml  |
| HR-AS2290/4  | Heat Transfer Oil, 5 lt                |
| HR-AS2290/5  | Filter Funnel with Wire Mesh and Clip  |
| HR-AS2290/6  | Withdrawal Tube                        |
| HR-G0385     | Digital Thermometer, max. 300 °C       |
| HR-AS2290/8  | Thermometer Set for Saybolt Viscometer |



HR-AS2290/5

HR-AS2290/6



HR-AS2290

### Technical Specifications:

| Product Code | Product Name                        | Dimensions (cm) | Weight (kg) | Power Supply          |
|--------------|-------------------------------------|-----------------|-------------|-----------------------|
| HR-AS2290    | Saybolt Two-Tube Digital Viscometer | 45x30x55        | 12          | 220 V, 50-60 Hz, 1 ph |

## ENGLER VISCOMETER

STANDARDS: ASTM D1665, ASTM D490; AASHTO T54

Digital Engler Viscometer is used to compare the specific viscosity of tars and their fluid products to the viscosity of water.

It consists of a water bath complete with digital precision thermoregulator, electric stirrer.

Thermometers, Kohlrausch calibration flask, Engler Viscosity Test flask and Strainer should be ordered separately.

### Spare Parts & Accessories:

| Product Code | Product Name  |
|--------------|---|
| HR-AS2300/1  | Kohlrausch Calibration Flask, 200 ml                |
| HR-AS2300/2  | Engler Viscosity Flask, Glass, 50 ml                |
| HR-AS2300/3  | Strainer, No. 50, ASTM                              |
| HR-G1404     | ASTM 23C Thermometer. 18-28 °C. Graduation 0.2 °C.  |
| HR-G1405     | ASTM 24C Thermometer. 39-54 °C. Graduation 0.2 °C.  |
| HR-G1406     | ASTM 25C Thermometer. 95-105 °C. Graduation 0.2 °C. |

### Technical Specifications:

| Product Code | Product Name              | Dimensions (cm) | Weight (kg) | Power Supply          | Power (W) |
|--------------|---------------------------|-----------------|-------------|-----------------------|-----------|
| HR-AS2300    | Digital Engler Viscometer | 45x30x55        | 12          | 220 V, 50-60 Hz, 1 ph | 300       |



HR-AS2300